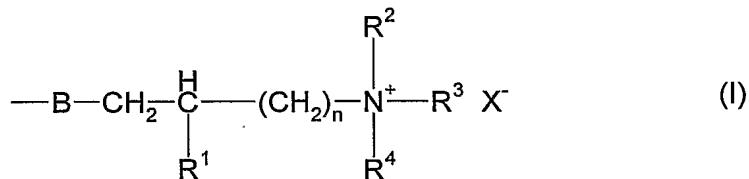


CLAIMS

1. A paper comprising a filler and a cellulose ether wherein the cellulose ether comprises a quaternary ammonium group, with the proviso that the
5 cellulose ether is not a hydroxyethyl cellulose.

2. The paper according to claim 1 wherein the quaternary ammonium group is represented by the formula:

10



wherein R¹ is H or OH, R², R³, and R⁴ are the same or different and are
15 selected from C₁-C₂₄ alkyl, C₆-C₂₄ aryl, C₇-C₂₄ aralkyl, C₇-C₂₄ alkaryl, C₃-C₂₄ cycloalkyl, C₂-C₂₄ alkoxyalkyl, and C₇-C₂₄ alkoxyaryl groups, or R², R³,
R⁴, and the quaternary nitrogen atom form an aliphatic or aromatic
20 heterocyclic ring; n is an integer of 1 to 4, B is attached to the backbone of
the cellulose ether and selected from O, OC(O), C(O)O, C(O)-NH,
NHC(O), S, OSO₃, OPO₃, NH, or NR⁵, wherein R⁵ is a C₂-C₆ acyl or a C₁-C₄ alkyl radical, and X⁻ is an anion.

25

3. The paper according to claim 1 or 2 wherein the cellulose ether has a DS of quaternary ammonium groups of between 0.01 and 0.7.

4. The paper according to any one of the preceding claims wherein the cellulose ether further has a DS of carboxymethyl groups of between 0.05 and 1.0.

30 5. A paper coating comprising cellulose ether wherein the cellulose ether comprises a quaternary ammonium group.